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DECLADATION FOR LITE ITY OR	Attorney Docket Num	nber 1739/42
DECLARATION FOR UTILITY OR DESIGN	First Named Inventor	Katragadda et al.
PATENT APPLICATION	COMPLE	TE IF KNOWN
(37 CFR 1.63)	Application Number	
X Declaration Declaration	Filing Date	Herewith
Submitted OR Submitted after Initial with Initial Filing (surcharge	Group Art Unit	
Filing (37 ČFR 1.16 (e)) required)	Examiner Name	

<u> </u>	-	required)	Examiner Nam	е						
	As a below named inventor, I hereby declare that:									
	My residence, mailing address, and citizenship are as stated below next to my name.									
	I believe I am the original, first and names are listed below) of the sub	f sole inventor (if only or oject matter which is clai	ne name is listed below) med and for which a pat	or an original, firs ent is sought on t	st and joint inventor (if plural the invention entitled:					
	TRANSVERSE CRACK DETECTION IN RAIL HEAD USING LOW FREQUENCY EDDY CURRENTS									
		(Title of t	he Invention)							
	the specification of which  is attached hereto									
ſ	OR was filed on (MM/DD/YYYY)		as United S	tates Application	Number or PCT International					
•	The most of (minusof) is the		do Sinted S	tatos Applioation	Number of FOE international					
,	Application Number	and was a	amended on (MM/DD/YY	YY)	(if applicable).					
1	I hereby state that I have reviewed amended by any amendment spec	l and understand the con diffically referred to above	ntents of the above iden e.	tified specification	n, including the claims, as					
}	I acknowledge the duty to disclose in-part applications, material inforn PCT international filing date of the	nation which became av	allable between the filing	defined in 37 CF g date of the prior	R 1.56, including for continuation- application and the national or					
t	I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.									
	Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached? YES NO					
<u>L</u>	Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:									

[Page 1 of 2]

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## **DECLARATION** — Utility or Design Patent Application

Direct all correspondence to: Customer Number or Bar Code Label 23381 OR Correspondence address below									
Name Dorr, Carson	Name Dorr, Carson, Sloan & Birney, P.C.								
3010 E. 6th A Address	venue								
Denver City				State	, co	ZIP	80206		
Country	SA	Telepl	phone	303-3	333-3010	Fax 303	-333-1470		
I hereby declare that all state are believed to be true; and made are punishable by fine validity of the application or a	turtner that these state or imprisonment, or b	itements ooth, und	: were made wit	th the kn	nowledge that willful	l faice etatomante	and the like co		
NAME OF SOLE OR FI	RST INVENTOR	: 🗀	A petition I	nas ber	en filed for this u	insigned invent	or		
Given Name (first and middle [if any])	Gopic	hand		, -	ly Name Irname	Katragadd	a		
Inventor's Signature			•			Date			
Residence: City	San Antonio		State TX	(	Country USA	Citizenship	India		
1023 Visional Mailing Address	sor Drive	<del></del>		<del></del>					
City S	San Antonio		State TX	(	ZIP 78258	Country	USA		
NAME OF SECOND IN	VENTOR:		A petition ha	s been	filed for this uns	signed inventor			
Given Name (first and middle [if any])	Doug	ılas		Family or Surr		Earnest			
Inventor's Signature						Date			
Residence: City	San Antonio	s	TX State	Cı	USA ountry	Citizenship	USA		
Mailing Address 9079 Ry	relie								
	n Antonio		State TX	ZIF		Country	USA		
X Additional inventors are b	being named on the	l_supp'	lemental Additic	onal Inve	entor(s) sheet(s) PT(	D/SB/02A attached	1 hereto.		

[Page 2 of 2]

Please type a plus sign (*) Incide this box  Under the Paperwork Reduction Act of 1995, no persons	are req	ulred to res	L of brock	i.S. Patent and a collection of			PTO/S8/02A (11-00) rough 10/31/2002. OMB 0651-0032 S. DEPARTMENT OF COMMERCE contains a valid OMB control number
DECLARATION					ADD	OITI aau?	NAL INVENTOR(S) lemental Sheet ge_3_ of_3_
Name of Additional Joint Inventor, if a	ıny:			A delition	haa been lite	d for ti	nis unsigned inventor
Given Name (first and middle [if any	y))				Family Nam		
Gregory Anthony						arcia	
Inventor's Signature Aug.	A	m	····				Date 7/13/01
Residence: City Pueblo	Sta	<sub>ite</sub> CC		Country	USA		Citizenship USA
Mailing Address 535 Starlite Drive	·					_	
Mailing Address							
City Pueblo	Sta	de CC	)	ZIP 81	005 c	ountr	USA
Name of Additional Joint Inventor, if a	ny:			A pesition ha		سسسا	s unsigned inventor
Given Name (first and middle (if any	<u>/</u> ])		Family Name or Sumame				
Richard Paul	,		Reiff				
inventor's Signature MM 9	4	W	Date (3) Tulious				
Residence: City Pueblo	Sta	ate CC	,	Country	USA		Citizenship USA
Malling Address 4364 Blueflax Drive			<u> </u>				Oluzaranip
Mailing Address							
city Pueblo	Sto	ete C	)	ZiP 8	1001	Coun	USA
Name of Additional Joint Inventor, if a	ny:			petition has	heen filed fo		
Given Name (first and middle [if any]	A petition has been filed for this unsigned Inventor  Family Name or Surname						
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Orton Hanto (macano militale jir any)	)			** ** ** · · · · · · · · · · · · · · ·	_		
Inventor's Signature	)				_		Surname
Inventor's Signature	1				_		Surname Date
Inventor's	) State	ę		Country	_		Surname
Inventor's Signature Residence: City Malling Address	1	9			_		Surname Date
Inventor's Signature Residence: City	1				_		Surname Date

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The first time

	Attorney Docket Nur	mber 17	1739/42		
DECLARATION FOR UTILITY OR DESIGN	First Named Invento	First Named Inventor Katragadda et al.			
PATENT APPLICATION	COMPL	COMPLETE IF KNOWN			
(37 CFR 1.63)	Application Number	/			
Declaration Declaration	Filing Date	Herew	ith		
Submitted OR Submitted after Initial with Initial Filing (surcharge	Group Art Unit				
Filing (37 CFR 1.16 (e)) required)	Examiner Name				

	Hiing	required)	Examiner Nam	e						
	As a below named inventor, I hereby declare that:									
	My residence, mailing address, and citizenship are as stated below next to my name.									
	I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:									
	TRANSVERSE CRACK DETECTION IN RAIL HEAD USING LOW FREQUENCY EDDY CURRENTS									
	the appointment of which	(Title of t	he Invention)							
	the specification of which									
	is attached hereto									
	OR									
	was filed on (MM/DD/YYYY)		as United S	tates Application	Number or PCT In	ternational				
	Application Number	and was a	mended on (MM/DD/YY	YY)		(if applicable).				
	I hereby state that I have reviewed amended by any amendment specific	d and understand the cor cifically referred to above	ntents of the above iden	tified specification	n, including the cla	ims, as				
	I acknowledge the duty to disclose in-part applications, material inform PCT international filing date of the	nation which hacama au	ailabla babuaan tha filin	defined in 37 CF g date of the prior	R 1.56, including fapplication and the	or continuation- ne national or				
	PCT international filing date of the continuation-in-part application.  I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.									
	Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Cop YES	y Attached? NO				
_										
┸	Additional foreign application	numbers are listed on a	supplemental priority da	ita sheet PTO/SB	/02B attached her	eto:				

[Page 1 of 2]

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## **DECLARATION** — Utility or Design Patent Application

				سنستنسن يتنينس						
Direct all correspondence to:   Customer Number or Bar Code Label  OR Correspondence address below										
Name Dorr, Carson, Sloan & Birney, P.C.										
3010 E. 6th Avenue Address										
Denver City			State	co	ZIP 8	30206				
USA	Telep	phone	303-33	33-3010	Fax 303-	333-1470				
I hereby declare that all statements made herein are believed to be true; and further that these streamed are punishable by fine or imprisonment, or validity of the application or any patent issued there.	iatements both, und	were made with	h the kno	owledge that willful fa	alse statements a	and the like so				
NAME OF SOLE OR FIRST INVENTOR	::	A petition h	as beer	n filed for this un	signed invento	)r .				
Given Name (first and middle [if any])  Gopi	chand		Family or Surn		Katragadda	a				
Inventor's Signature				3	Date					
Residence: City San Antonio		State TX		Country USA	Citizenship	India				
1023 Visor Drive Mailing Address		<del>,</del>								
City San Antonio		State TX	,	ZIP 78258	Country	USA				
NAME OF SECOND INVENTOR:		A petition has	s been f	filed for this unsig	gned inventor					
Given Name (first and middle [if any])  Dou	uglas		Family N		Earnest					
Inventor's Signature	<u></u>				Date 6/2	26/07				
Residence: City San Antonio		TX State	Cor	USA untry	Citizenship	USA				
Mailing Address 9079 Ryelle										
City San Antonio		State TX	ZIP	, 78250	Country	USA				
Additional inventors are being named on the	1 sunr	olemental Additic	onal Inver	ntor(s) sheet(s) PTO	/SB/02A attached	l hereto				

Please type a plus sign (+) inside this box	PTO/SB/02A (11-00)
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## **DECLARATION**

ADDITIONAL INVENTOR(S)
Supplemental Sheet
Page 3 of 3

					I			
Name of Additional Joint Inventor, if any:								
Given Name (first and middle [if any	1)				Family Na	me or St	urname	
Greg Anthony						Garcia	<u> </u>	
Inventor's Signature	<u>,                                      </u>						Date	
Residence: City Pueblo	State	co	,	Country	USA		itizenship	USA
Mailing Address 535 Starlite Drive								
Mailing Address							,	
City Pueblo	State	CC		ZIP 8	1005	Country	, ( U	SA
Name of Additional Joint Inventor, if a	ny:			A petition	has been file	d for this	unsigned inver	ntor
Given Name (first and middle [if any	])				Family Nar	me or Su	ırname	
Richard Paul			Reiff					
Inventor's Signature							Date	
Residence: City Pueblo	State	CC	)	Country	USA		Citizenship	USA
Mailing Address 4364 Blueflax Drive								
Mailing Address								
City Pueblo	State	C	)	ZIP	81001	Coun	try L	ISA
Name of Additional Joint Inventor, if a	ny:			A petition h	as been filed	for this	unsigned invent	or
Given Name (first and middle [if any]	)		Family Name or Surname					
Inventor's Signature	r						Date	
Residence: City	Country Citizenship							
Mailing Address				54-7-731				
Mailing Address				<del></del>		<del></del>		
City	State			ZIP		Cou	intry	

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THE REPORT OF THE PARTY OF THE

	DECLARATION FOR UTILITY OR		Attorney Docket Nu	mber	1739/42			
DECLARATION FOR UTILITY OR DESIGN				First Named Inventor Katragadda et al.				
PATENT APPLICATION			COMPLETE IF KNOWN					
(37 CFR 1.63)		Application Number						
	X Declaration		Declaration	Filing Date	Her	ewith		
	Submitted OR with Initial	OR	Submitted after Initial Filing (surcharge	Group Art Unit				
	Filing		(37 CFR 1.16 (e)) required)	Examiner Name				

	requirea)	Examiner Nam	ie							
As a below named inventor, I hereby declare that:										
My residence, mailing address, and citizenship are as stated below next to my name.										
I believe I am the original, first an names are listed below) of the su	I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:									
TRANSVERSE CRACK DETECTION IN RAIL HEAD USING LOW FREQUENCY EDDY CURRENTS										
	(Title of	the Invention)								
the specification of which										
is attached hereto										
OR		<del></del>								
was filed on (MM/DD/YYYY)		as United S	tates Application	Number or PCT International						
	L									
Application Number	and was a	amended on (MM/DD/YY	YY)	(if applicable).						
			<u> </u>							
I hereby state that I have reviewed amended by any amendment spe-	d and understand the co cifically referred to above	ntents of the above ident e.	tified specification	n, including the claims, as						
I acknowledge the duty to disclose in-part applications, material inforr PCT international filing date of the	nation which became av continuation-in-part app	raliable between the filing dication.	date of the prior	application and the national or						
I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.										
Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached? YES NO						
,										
Additional foreign application	Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:									

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Direct all correspondence to: X Customer No or 8ar Code	2338	1	OR Correspondence address below						
Name Dorr, Carson, Sloan & Birney, P.C.									
3010 E. 6th Avenue Address									
Denver City			State	co	ZIP 80206				
USA	Telepi	hone	303-3	33-3010	Fax 303-333-1470				
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.									
NAME OF SOLE OR FIRST INVENTOR:									
Given Name (first and middle [if any])  Gopichand				Family Name Katragadda or Surname					
Inventor's Gondon				07/06/200 Date					
Residence: City San Antonio		State TX		Country USA	Citizenship India				
1023 Visor Drive Mailing Address									
City San Antonio		State TX		ZIP 78258	Country USA				
NAME OF SECOND INVENTOR:		A petition has	been	filed for this unsi	gned inventor				
Given Name (first and middle [if any])  Doug	las		Family or Surr		Earnest				
Inventor's Signature					Date				
Residence: City San Antonio	s	TX State	Co	USA	Citizenship USA				
Mailing Address 9079 Ryelle									
City San Antonio	S	State TX	ZII	78250	Country USA				
Additional inventors are being named on the 1 supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto.									

[Page 2 of 2]

DECLARATION	ADDITIONAL INVENTOR(S) Supplemental Sheet Page 3_ of 3
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Please type a plus sign (+) inside this box	PTO/SB/02A (11-00)

	itional Joint Inventor, if a				☐ A petitir	on has been fil	led for t	this unsigned inve	/entor
Giv	ven Name (first and middle [if any	/])		I		Family Nan	me or S	Surname	
	Greg Anthony				·- —		Garcia	a	
Inventor's Signature								Date	
Residence: City	Pueblo	State	e CC	)	Country	USA		Citizenship	USA
Mailing Address	535 Starlite Drive								
Mailing Address									
City	Pueblo	State	e CC	<u>)</u>	ZIP E	81005	Country	y U	SA
<del></del>	tional Joint Inventor, if an				A petition	ı has been filer	d for thi	is unsigned inven	ntor
Give	en Name (first and middle [if any]	<u>i)                                      </u>		+	Family Name or Surname				
	Richard Paul				Reiff				
Inventor's Signature								Date	
Residence: City	Pueblo	State	e CC	3	Country	USA		Citizenship	USA
Mailing Address	4364 Blueflax Drive								
Mailing Address									
City	Pueblo	State	te CC	<u>5</u>	ZIP	81001	Coun	ntry	JSA
Name of Addit	tional Joint Inventor, if an	ıy:			A petition h	nas been filed	for this	unsigned invento	or
Given Name (first and middle [if any])						Family N	Name o	r Surname	
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Inventor's Signature								Date	
Residence: City		State			Country			Citizenship	
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City		State		1	71P Co		Car	Country	

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